



# Future 6<sup>th</sup> Graders Summer Homework Packet

Due: Thursday, September 4<sup>th</sup>

Name: \_\_\_\_\_



# P.S./M.S 108

The Philip J. Abinanti School



Visit our School Website

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Principal

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June 2025

Dear Parents and Guardians,

Welcome to the Middle School Summer Reading Program! Our goal is to create lifelong learners as well as curious students who can think critically in a changing world. We understand that reading is a critical aspect of success in all facets of life. Reading has the capacity to provide dynamic experiences for students, as well as insight into a variety of differing cultures, places, historical events, and experiences.

Our program allows students to choose a book of their interest to read. Each grade level has compiled a list of books for the students to choose from.

We want to make reading an enjoyable part of each student's summer experience! While we encourage students to complete both the math and reading activities over the summer break, we understand there are many other obligations. Please know we will be there for them in September to address any questions and provide support for each student in completing their two assignments.

We have reviewed the summer reading information in class with the students and addressed questions they may have had. We look for your support in helping your child continue the benefits of reading while they enjoy their summer.

We wish you and your family a great summer and encourage you to turn the page and share a summer of reading with your child!

Sincerely,  
Grade 6 Team

Please view the next page for the 6th grade annotated summer reading lists. Since young adult novels vary in topic and depth, we ask that you use your family's discretion to review the novels and make choices that align with your child's interests, reading level, and maturity level.

## ACTIVITY

Please complete the summer reading response. You may print this out and hand write it or make a copy and type it. Please be ready to submit this in September.

## 2024 SIXTH GRADE SUMMER READING

### Welcome to the Sixth Grade!

As you may know, all students entering sixth grade in September are recommended to read at least two books over the summer, though we certainly encourage you to read more. Please choose books that you have not read before. They are available at local libraries, bookstores, and online. We are looking forward to beginning an exciting year of learning and fun with you as you enter your first year in Middle School!

Please choose your other title from the list below:

#### Unplugged ~ Gordon Korman

As the son of the world's most famous tech billionaire, spoiled Jett Baranov has always gotten what he wanted. So when his father's private jet drops him in the middle of the Arkansas wilderness, at a place called the Oasis, Jett can't believe it. He's forced to hand over his cell phone, eat grainy veggie patties, and participate in wholesome activities with the other kids, who he has absolutely no interest in hanging out with. As the weeks go on, Jett starts to get used to the unplugged life and even bonds with the other kids over their discovery of a baby-lizard-turned-pet, Needles. But he can't help noticing that the adults at the Oasis are acting really strange. Jett is determined to get to the bottom of things, but can he convince everybody that he is no longer just a spoiled brat who is making trouble?

#### Wonder ~ R.J. Palacio

Wonder is the funny, sweet and incredibly moving story of Auggie Pullman. Born with a terrible facial abnormality, this shy, bright ten-year-old has been homeschooled by his parents for his whole life, in an attempt to protect him from the stares and cruelty of the outside world. Now, for the first time, Auggie is being sent to a real school - and he is dreading it. (Level U)

#### The War that Saved My Life ~ Kimberly Brubaker Bradley

Ten-year-old Ada has never left her one-room apartment. Her mother is too humiliated by Ada's twisted foot to let her outside. So when her little brother Jamie is shipped out of London to escape the war, Ada doesn't waste a minute—she sneaks out to join him. So begins a new adventure for Ada, and for Susan Smith, the woman who is forced to take the two kids in. As Ada teaches herself to ride a pony, learns to read, and watches for German spies, she begins to trust Susan—and Susan begins to love Ada and Jamie. But in the end, will their bond be enough to hold them together through wartime? Or will Ada and her brother fall back into the cruel hands of their mother? (Level O)

#### The Thing About Jellyfish ~ Ali Benjamin

Everyone says that it was an accident... that sometimes things "just happen". But Suzy won't believe it. Ever. After her best friend dies in a drowning accident, Suzy is convinced that the true cause of the tragedy was a rare jellyfish sting. Retreating into a silent world of imagination, she crafts a plan to prove her theory--even if it means traveling the globe, alone. Suzy's achingly heartfelt journey explores life, death, the astonishing wonder of the universe...and the potential for love and hope right next door. (Level R)





**The One and Only Ivan ~ Katherine Applegate**

Inspired by the true story of a gorilla who spent 30 years alone in a cage at an indoor zoo in a mall, this beautiful book imagines what that gorilla might have felt and said about his life. (Level S)

**Coraline ~ Neil Gaiman**

When Coraline steps through a door to find another house strangely similar to her own (only better), things seem marvelous. But there's another mother there, and another father, and they want her to stay and be their little girl. They want to change her and never let her go. Coraline will have to fight with all her wit and courage if she is to save herself and return to her ordinary life. (Level R)

**Schooled ~ Gordon Korman**

Capricorn Cap Anderson has been homeschooled by his hippie grandmother, Rain. When Rain is injured in a fall, Cap is forced to attend the local middle school. Although he knows a lot about Zen Buddhism, nothing has prepared him for the politics of public school. (Level R)

**The Shadow Children Series ~ Margaret Peterson Haddix**

In a future where the Population Police enforce the law limiting a family to only two children, Luke, an illegal third child, has lived all his twelve years in isolation and fear on his family's farm in this start to the Shadow Children series from Margaret Peterson Haddix. Luke has never been to school. He's never had a birthday party, or gone to a friend's house for an overnight. In fact, Luke has never had a friend. Luke is one of the shadow children, a third child forbidden by the Population Police? (Level S)

**Because of Mr. Terupt ~ Rob Buyea**

This novel is about one year in the life of a fifth grade class at Snow Hill School. Told through the eyes of seven students, the class is deeply affected by their new teacher Mr. Terupt and the tragic accident that touches all their lives. (Level O)

**The Willow Falls Series ~ Wendy Mass**

The books take place in the tiny town of Willow Falls which is more magical than most of its residents realize. The overlapping plots weave the story of a handful of middle school students with a slightly quirky, definitely mysterious woman named Angela. Each character has his or her own unique coming-of-age experience orchestrated by Angela – Leo and Amanda learn about the importance of friendship, Tara discovers that asking for help isn't a weakness, and Rory realizes that the responsibilities of being older aren't quite what she was hoping for. Choose any one from the series for your summer reading! (Level S)

**Walk Two Moons ~ Sharon Creech**

Thirteen-year-old Native American Salamanca Tree Hiddle travels from Ohio to Idaho to visit her mother who left the year before and never returned. (Level W)



**Monkey Island ~ Paula Fox**

Abandoned by his parents in New York, eleven-year-old Clay Garrity befriends two homeless men in the park and learns to survive on the streets in the dead of winter. (Level V)



**Stone Fox ~ John Reynolds Gardiner**

Ten-year-old Willy needs to win the big dogsled race in order to pay the back taxes on his grandfather's farm--but that means beating the huge Indian mountain man, Stone Fox. "Gardiner's description of the race and sudden climax (based on legend) is fast-paced and enveloping." (Level P)



**Honus & Me ~ Dan Gutman**

When twelve-year-old Joe Stoshack finds the most valuable baseball card in the world while cleaning an elderly neighbor's attic, he must decide whether to tell the woman or sell it and become rich. (Level Q)



**From the Mixed-Up Files of Mrs. Basil E. Frankweiler ~ E.L. Konigsburg**

Claudia knew that she could never pull off the old-fashioned kind of running away...so she decided not to run FROM somewhere, but TO somewhere. And so, after some careful planning, she and her younger brother, Jamie, escaped -- right into a mystery that made headlines! (Level S)



**The Secret Garden ~ Frances Hodgson Burnett**

Ten-year-old Mary comes to live in a lonely house on the Yorkshire moors and discovers an invalid cousin and the mysteries of a locked garden. (Level U)



**Phantom Tollbooth ~ Norton Juster**

Milo travels to The Lands Beyond when he drives his small electric car through a mysterious, miniature tollbooth gate. (Level W)



**Bridge to Terabithia ~ Katherine Paterson**

Jesse's colorless rural world expands when he becomes fast friends with Leslie, the new girl in school. But when Leslie drowns trying to reach their special hideaway, Terabithia, Jesse struggles to accept the loss of his friend. (Level T)



**Jip: His Story ~ Katherine Paterson**

Raised on a poor Vermont farm after tumbling off the back of a wagon as a small child, Jip is astonished years later when a slave catcher reveals that he is the son of a runaway slave and that he is the property of a slave owner. (Level V)

Name: \_\_\_\_\_

2024 SUMMER BOOK RESPONSE

Title: \_\_\_\_\_

Author: \_\_\_\_\_

Setting: \_\_\_\_\_

Characters: \_\_\_\_\_

**PLOT SUMMARY:** (be sure to include beginning, middle, and end) (make sure to mention the conflict / problem)

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**Reflection:** (Please choose one or two of the following ideas and explain why:  
my favorite character ... the part I liked best... the part I liked least...I wonder why..... I was confused  
when... if I were the character I would...)

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**Make a Connection:** (text-to-text, text-to-self, text-to-world)

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**Recommendation:** (include the audience that would enjoy this book and why)

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Name \_\_\_\_\_

1. Which list of numbers is ordered from greatest to least?

A.  $-2\frac{1}{5}$ ,  $|2\frac{1}{4}|$ , 2.23, -2

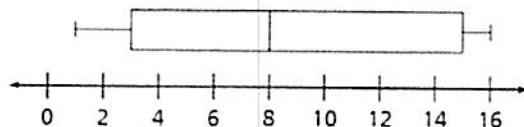
B.  $|2\frac{1}{4}|$ , 2.23, -2,  $-2\frac{1}{5}$

C. -2,  $-2\frac{1}{5}$ ,  $|2\frac{1}{4}|$ , 2.23

D.  $-2\frac{1}{5}$ , -2, 2.23,  $|2\frac{1}{4}|$

2. Henry is buying orange juice to make punch for a party. He can buy the juice in 32-oz cartons for \$2.56 each or 48-oz cartons for \$3.36 each. Which is the better value? Explain.

3. Find the following measures of the data set shown in the box plot below.



minimum:

maximum:

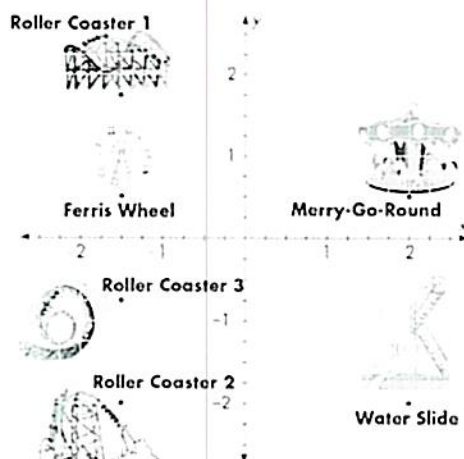
median:

first quartile:

third quartile:

interquartile range:

4. Use the map of the amusement park.



**Part A**

What are the coordinates of the ride located 1.25 units away from Roller Coaster 1, and 3.5 units away from the Merry-Go-Round?

**Part B**

What is located at  $(-1.5, -2)$ ?

5. Select all the pairs of expressions that are equivalent.

- ☐  $14d + 21$  and  $7(2d + 3)$
- ☐  $9(5r - 2)$  and  $14r - 7$
- ☐  $8(6q - 9)$  and  $48q - 72$
- ☐  $16 + 4w$  and  $2(2w + 8)$
- ☐  $32t + 16$  and  $16(2 - t)$

6. A gym charges membership dues of \$25 per month.

**Part A**

Complete the table to show how the total cost in dollars,  $C$ , and the number of months,  $m$ , of gym membership are related.

$m$	3		8	14
$C$				

**Part B**

Write an equation to represent the total cost based on the number of months of gym membership.

7. Which of the following is a statistical question?
- A. How tall is Mr. Leung?
  - B. What are the ages of all your cousins?
  - C. What is the formula for the volume of a cube?
  - D. What is the school's address?
8. Kristy had a piece of fabric that she cut into 8 equal squares. Each square has area  $0.625 \text{ ft}^2$ . What is the area of Kristy's original piece of fabric?

9. Rachel is making nachos for a party. The recipe calls for  $\frac{2}{3}$  cup of cheese for each plate of nachos.

**Part A**

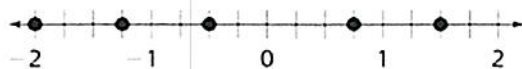
How many full plates of nachos can Rachel make with 5 cups of cheese? Explain.

**Part B**

How many more cups of cheese would Rachel need to make 9 plates of nachos? Explain.

10. Fill in the boxes to plot the five rational numbers below on the number line.

- 0.5,  $\frac{3}{2}$ , 0.75,  $-\frac{10}{5}$ , -1.25





11. The boiling point of water is  $212^{\circ}\text{F}$ . In degrees Celsius, how much heat do I have to add to boil water that is already  $185^{\circ}\text{F}$ ? Use the formula  $C = \frac{5}{9}(F - 32)$ , where  $C$  represents the temperature in degrees Celsius and  $F$  represents the temperature in degrees Fahrenheit.

A.  $100^{\circ}\text{C}$   
B.  $15^{\circ}\text{C}$   
C.  $32^{\circ}\text{C}$   
D.  $185^{\circ}\text{C}$

12. A small theater sold 72 tickets for a play. The ratio of adult tickets to child tickets was 4 : 1. The ratio of adult tickets to senior tickets was 4 : 3.

**Part A**

Draw a diagram or make a table to represent the types of tickets sold.

**Part B**

How many of each type of ticket were sold?

13. Use the given set of coordinates to write the reflection across the x-axis of each point on the left.

$(7, -2)$     $(-3, 9)$     $(3, -9)$     $(-2, -7)$

$(-2, 7)$

$(3, 9)$

$(7, 2)$

$(-3, -9)$

14. The drama club spent \$608 on food for a party for its 38 members. The hall they rented costs \$40 per hour. The door prize was worth \$200. Let  $a$  be the amount spent on food per person and  $b$  be the number of hours they rented the hall.

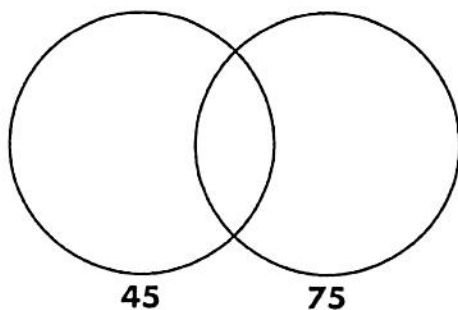
**Part A**

Write an equation to represent how much was spent on this event. Let  $S$  be the total amount spent.

**Part B**

Find how much the club spent on food per person.

15. Complete the Venn diagram to show the common factors of 45 and 75. Then circle the greatest common factor.



16. Select all the expressions that have a value of  $2^2 - 3^3 + 29$ .

☐  $(7^8, 3) - 2^4$

☐  $8^3 - 14 \times 6^2 - 2$

☐  $-|-6|$

☐  $|-6|$

☐  $7^2 - 3.1 - 19 \times 2.1$

17. Solve the equations below.

$494 \div 95 =$  \_\_\_\_\_

$136.8 \div 24 =$  \_\_\_\_\_

$96.9 \div 19 =$  \_\_\_\_\_

$43.2 \div 8 =$  \_\_\_\_\_

18. What is the area of this trapezoid?

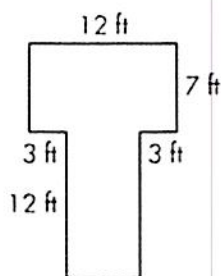


- A. 8 mm squared
- B. 16 mm squared
- C. 20 mm squared
- D. 40 mm squared

19. Caroline weighs 41,390,000 milligrams and her baby sister weighs 3,415 grams. What is their total weight in kilograms?

- A. 4.4805 kg
- B. 448.05 kg
- C. 44.805 kg
- D. 4480.5 kg

20. Meredith drew the shape shown below.



Find the area of the shape.

21. Chang used a coordinate plane to show where his posters are displayed on his bedroom wall. Three posters are located at  $E(5, 3)$ ,  $F(-4, 3)$ , and  $G(-4, 5)$ .

Use absolute values of coordinates to find the distances between points  $E$  and  $F$ , and between points  $G$  and  $F$ . Show your work.

22. Let  $x$  be the number of hours that Chaya studies for a test and let  $y$  be the number of points she receives on the test. For one test, Chaya studied for 5 hours and received 14 points. Select all the equations that could describe Chaya's grades and her study time.

- |                                      |   |
|--------------------------------------|---|
| <input type="checkbox"/> $y = 2.8x$  | <input type="checkbox"/> $y = 5x$           |
| <input type="checkbox"/> $y = x - 9$ | <input type="checkbox"/> $y = \frac{1}{2}x$ |
| <input type="checkbox"/> $y = x + 9$ |   |



23. The table shows the relationship the choir director tries to maintain between the number of sopranos and the number of altos in the chorus. Complete the table using the ratio given.

**Chorus Members**

Sopranos	Altos
7	5
14	
21	
	20

24. What is the volume of a rectangular prism with  $l = 4\frac{1}{2}$  cm,  $w = 3\frac{1}{2}$  cm, and  $h = 6$  cm, in cubic cm?

A.  $90\frac{1}{2}$    B.  $94\frac{1}{2}$    C. 95   D.  $95\frac{1}{2}$

25. Larry is a locavore, which means he tries to only eat food produced within 200 miles of his home. Which inequality represents the distance,  $d$ , from Larry's home of food that he does not eat?

A.  $d > 100$                       C.  $d < 100$   
B.  $d > 200$                       D.  $d < 200$

26. The number of students in each of the classes that Julia is taking and each of the classes that Mason is taking are shown below.

Julia's classes: 25, 23, 28, 32, 27

Mason's classes: 20, 26, 24, 31, 29

Select all the statements that are true.

- ☐ The mean is greater for Mason's classes than for Julia's classes.
- ☐ For both sets of data, the median is equal to the mean.
- ☐ The mean absolute deviation (MAD) is greater for Julia's classes than for Mason's classes.
- ☐ The interquartile range (IQR) is greater for Mason's classes than for Julia's classes.
- ☐ The numbers of students in Julia's classes are less spread out than those in Mason's classes.

27. Ms. Wertz graded 20% of the tests for her class in 16 minutes.

**Part A**

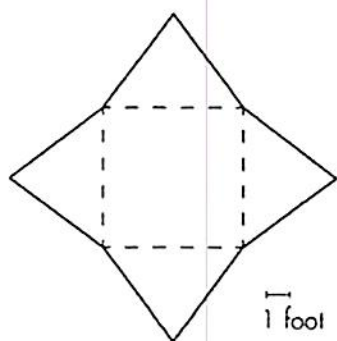
Which equation can be used to find how many minutes it will take to grade all of the tests?

- A.  $0.2m = 16$       C.  $16m = 20$   
B.  $\frac{m}{20} = 16$       D.  $\frac{20}{m} = 16$

**Part B**

How many minutes will it take to grade all of the tests?

28. Logan used the net below to design a nylon tent.



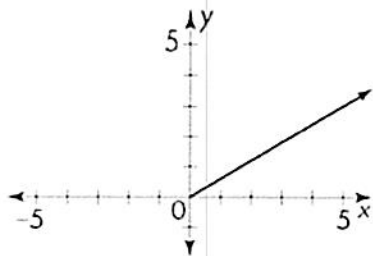
**Part A**

What shape will the tent have?

**Part B**

How much nylon will Logan need to make the tent? Explain.

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29. Let  $x$  be the profit of a company and let  $y$  be the amount the company owner makes, both in thousands of dollars. The graph shows the relationship between  $x$  and  $y$ . Which equation describes this relationship?



- A.  $y = x - 3$       C.  $y = 0.6x$   
B.  $y = 5x$       D.  $y = x + 5$

30. The area of the rectangular floor in Tamara's room is  $95\frac{5}{6}$  square feet. The width of the room is  $8\frac{1}{3}$  feet.

**Part A**

Estimate the length of Tamara's room. Explain.

**Part B**

Find the exact length of Tamara's room. Was your estimate an overestimate or an underestimate?

**Part C**

Suppose the ceiling is 12 feet high. If Tamara orders 480 square feet of wallpaper, will she have enough to cover all four walls? Explain.